
From: Bladey, Cindy
Sent: Monday, March 26, 2012 4:34 PM
To: Penny Randall; Bob Goldstein; Bob Goldstein
Cc: Rulemaking Comments
Subject: RE: Petition for Rulemaking

Dear Ms. Randall:

This letter is in reference to the petition for rulemaking, dated March 26, 2012, which you filed electronically with the U.S. Nuclear Regulatory Commission (NRC). The petition is currently under review to determine if it meets the NRC's requirements for docketing under [Title 10 of the Code of Federal Regulations, Section 2.802, Petition for rulemaking](#). We will notify you once a decision has been reached in this matter. Any questions regarding your petition for rulemaking may be directed to me on our toll-free number, 1-800-368-5642.

Sincerely,

Cindy Bladey

Cindy Bladey, Chief
Rules, Announcements, and Directives Branch
U.S. Nuclear Regulatory Commission
Mail Stop: TWB-05-A01
Washington, DC 20555-0001
301-492-3667; 1-800-368-5642
cindy.bladey@nrc.gov

From: Penny Randall [<mailto:pennyta99@yahoo.com>]
Sent: Monday, March 26, 2012 12:29 PM
To: Bladey, Cindy; Helton, Shana; Jones, Cynthia
Cc: Bob Goldstein; Bob Goldstein
Subject: Petition for Rulemaking

Dear Cindy, Cyndi, and Shana:

Please find the enclosed attachments regarding:

Subject: Petition for Rulemaking to Revise **10 CFR 50: Radionuclide Monitoring; 10 CFR 20, Regulatory Guides 1.21 (2008) and 4.1 (2008)** and other applicable Regulatory Guides as

documented within the petition.

Purpose: To update requirements for upgraded and new technology in Radionuclide Monitoring instrumentation in nuclear power plants.

This Rule Change is necessary with the advent of advanced instrumentation as identified in various Regulatory Guides starting in 2008, the Near-Term Task Force Review report on the Fukushima Dai-Ichi accident (2011), and the continuing Tritium and other radionuclide leaks at various nuclear power plants. Clarification between documents regarding ‘principal radionuclides’ is also needed.

In light of the text revisions needed in some of the reviewed Regulatory Guides we respectfully submit revised text in the form of the attached Word Documents with track changes for your consideration. These text revisions have been applied to Regulatory Guides: 4.16, 4.21, 8.25, and NUREG-1400. A chart documenting the locations of the various text edits is provided at the end of References for your convenience.

We look forward to your comments and guidance in this matter,

Have a great day.

Penny Randall

TA Technical Associates
Environmental Specialist
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